

Title (en)

2-PERHALOGENALKYL-SUBSTITUTED BENZIMIDAZOLES, THEIR PREPARATION AND THEIR USE AS PESTICIDES.

Title (de)

2-PERHALOGENALKYL-SUBSTITUIERTE BENZIMIDAZOLE, IHRE HERSTELLUNG UND IHRE VERWENDUNG ALS SCHÄDLINGSBEKÄMPFUNGSMITTEL.

Title (fr)

BENZIMIDAZOLES 2-PERHALOGENOALKYL-SUBSTITUES, LEUR FABRICATION ET LEUR UTILISATION COMME PESTICIDES.

Publication

EP 0667863 A1 19950823 (DE)

Application

EP 93923547 A 19931025

Priority

- DE 4237548 A 19921106
- EP 9302948 W 19931025

Abstract (en)

[origin: WO9411351A1] The invention concerns substituted benzimidazoles of general formula (I), in which R<1> is hydrogen, alkyl or optionally substituted aryl; R<2> is hydroxy, cyano, alkoxy or optionally substituted amino; R<3> is perhaloalkyl and X<1>, X<2>, X<3> and X<4>, independently of each other, are hydrogen, halogen, nitro or optionally substituted aryloxy, at least one of the substituents X<1>, X<2>, X<3> and X<4> being different from hydrogen, the compound 1-cyanomethyl-2-trifluoromethyl-5,6-dichlorobenzimidazole being excluded. The invention also concerns the preparation of such compounds and their use as pesticides.

IPC 1-7

C07D 235/10; **C07D 491/056**; **C07D 405/12**; **A01N 43/52**; **A01N 43/90**

IPC 8 full level

A01N 43/52 (2006.01); **A01N 43/90** (2006.01); **C07D 235/10** (2006.01); **C07D 405/12** (2006.01); **C07D 491/056** (2006.01)

CPC (source: EP KR)

A01N 43/52 (2013.01 - EP); **C07D 235/10** (2013.01 - EP KR); **C07D 491/056** (2013.01 - KR)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9411351 A1 19940526; AT E166870 T1 19980615; AU 5337994 A 19940608; BR 9307392 A 19990831; CA 2148613 A1 19940526; CA 2148613 C 20040810; DE 4237548 A1 19940511; DE 59308651 D1 19980709; DK 0667863 T3 19990201; EP 0667863 A1 19950823; EP 0667863 B1 19980603; ES 2117720 T3 19980816; HU 218305 B 20000728; HU T71915 A 19960228; JP H08502984 A 19960402; KR 100297331 B1 20011024; KR 950704264 A 19951117

DOCDB simple family (application)

EP 9302948 W 19931025; AT 93923547 T 19931025; AU 5337994 A 19931025; BR 9307392 A 19931025; CA 2148613 A 19931025; DE 4237548 A 19921106; DE 59308651 T 19931025; DK 93923547 T 19931025; EP 93923547 A 19931025; ES 93923547 T 19931025; HU 9501331 A 19931025; JP 51164594 A 19931025; KR 19950701761 A 19950503